This is the Australian National Amateur Radio Teleprinter Society
with our weekly Rtty Broadcast. We transmit on the following
frequencies and times :

```
  3.545 MHz (Plus/minus 5)   0930 UTC     VK2CTD (COL)
  7.045 MHz  -3              0030 UTC     VK2CTD (COL)
 14.070 MHz (amtor/fec)      0030 UTC     VK2DPM (ALAN)
 14.091 MHz                  0030 UTC     VK2DPM (ALAN)
146.675 MHz             0030/0930 UTC     VK2JPA (PAT)
144.850 MHz (ax25 bbs)                    VK2JPA AT VK2WI
146.675 MHz (rtty mmbbs/repeater)         VK2RTY
```

INTERNET RADIO-INFO-DIST AT UCSD.EDU

Views expressed in this news bulletin are not necessarily
those of the Broadcast Officer, the Relay Officers, or of the
Society.

A.N.A.R.T.S. News Bulletin 971 10TH AUGUST 1997

COLS COLUMN

DO YOU LIKE TUNING THROUGH THE BANDS LISTENING FOR RTTY SIGNALS?...
I FOUND THIS INTERNET FILE ON THE ARRL WEB SITE, IT MAY BE OF
INTEREST AND SAVE YOU A LITTLE BIT OF SEARCHING.

THIS FILE LISTS THE FREQUENCIES AND TIMES ON WHICH THE ARRL TRANSMITS
ITS BULLETINS. 2300Z AND 0500Z ARE THE MOST LIKELY TIMES YOU WILL
COPY THEM. UNLESS YOU DON'T SLEEP, THEN TRY 1600Z.

THE BULLETINS ARE ALSO TRANSMITTED ON CW, WITH A DIFFERENT TIME
SCHEDULE. IF ANYONE IS KEEN TO COPY THEM CW, SEND ME A MESSAGE AND
I WILL GET THE TIMES AND FREQUENCIES FROM THE ARRL WEB SITE AND
INCLUDE THEM IN A LATER CAST.

73S FOR NOW DE COL VK2CTD.

QUOTE
Copy the ARRL teleprinter bulletins on the ham bands. you can also
find them on web site at: http://www.arrl.org/w1aw/ ......

Day	Utc	Freq
THURS	1600	on 3.625, 7.095, 14.095, 18.1025, 21.095, 28.095, 147.555 MHz.
FRI	1600	on 3.625, 7.095, 14.095, 18.1025, 21.095, 28.095, 147.555 MHz.
DAILY	2300	on 3.625, 7.095, 14.095, 18.1025, 21.095, 28.095, 147.555 MHz.
DAILY	0500	on 3.625, 7.095, 14.095, 18.1025, 21.095, 28.095, 147.555 MHz.

Bulletins are sent first on Baudot, 45 bauds LSB, followed by 100 baud
AMTOR FEC Mode B, and finally 110 baud ASCII, but only if time allows.

UNQUOTE.

RTTY - HOW IT BEGAN - PART 8
BY VK3KF ERIC FERGUSON

In the mid 1960's I was away from home a great deal of the
time, including a stint in Europe learning something about

what was termed 'telegraph on radio', the forerunner to AMTOR as we know it today, but what a difference in those early valve units as compared to the solid state devices of today. The original TOR complex was housed in two standard seven foot racks, when, today one can pack the whole works into a small suitcase.
O
This meant no involvement in the amateur sphere for about two years, during which time more and more transistorised devices appeared in amateur items. Among those in the forefront of the hard work involved was K8KDC, later to become W6FFC. His earlier version of the 'Mainline' and TTL demodulators had become the accepted standard of valve operated devices, but in the 1979's his ST-3,4, 5 and 6 solid state versions gained worldwide acclaim and was, or should I say 'is' looked upon as the 'ultimate' amateur demodulator, otherwise, why are so many VK3 amateurs hard at work building the ST-6 at the time of writing this. Perhaps it is because they have not heard about the TU9-7 ? Any way, the TUS-7 was never published and the only unit in captivity is in the shack of VX3KF.

IPS WEEKLY SOLAR AND GEOPHYSICAL REPORT
(01 AUGUST - 07 AUGUST)

ISSUED 08 AUGUST 1997

SUMMARY

Date	01	02	03	04	05	06	07
10cm	71	71	72	73	75	77	78
A	11	6	14	10	6	5 (	5 EXPECTED)
T	15	12	10	20	15	18	13

SOLAR ACTIVITY WAS VERY LOW ALL WEEK.

THE GEOMAGNETIC FIELD AT LEARMONTH (W.A.) WAS QUIET 1ST TO 2ND, AND 5TH TO 7TH AUGUST; UNSETTLED TO ACTIVE ON 3RD, DECREASING TO QUIET TO UNSETTLED ON 4TH.

MAXIMUM USABLE FREQUENCIES WERE NEAR PREDICTED MONTHLY VALUES THROUGHOUT THE PERIOD. SPREAD F WAS OBSERVED DURING LOCAL NIGHT ON 4TH AND 6TH AUGUST.

COMMENT:
THERE WAS A DISTURBANCE OBSERVED ON 3RD AUGUST DUE TO A CORONAL MASS EJECTION ON 30 JULY. THE DISTURBANCE WAS STRONGER IN THE NORTHERN HEMISPHERE

FORECAST (08 AUGUST - 14 AUGUST)

SOLAR: LOW. THERE ARE TWO SOLAR REGIONS CURRENTLY CAPABLE OF ISOLATED LOW LEVEL FLARING.

GEOMAGNETIC: QUIET TO UNSETTLED.

FREQUENCIES: MOSTLY NEAR PREDICTED MONTHLY VALUES. CHANCE FOR ISOLATED SHORT WAVE FADEOUTS ON DAYLIGHT CIRCUITS.

COURTESY OF IPS RADIO AND SPACE SERVICES

RTDX0801 RTTY DX
VK2SG RTTY DX NOTES FOR WEEK ENDING 1 AUG. 97 (BID RTDX0801)

Our information this week came from: DJ3IW and the Central-Europe DX Cluster node DB0SPC, DX News letter, I5FLN and the IK5PWJ Packet Cluster, KB8NW and the OPDX Bulletin, OH2BUA, ON6RO, W2JGR and the NJ0M node the Twin-Cities DX Packet Cluster W5KSI, and WX5L.

Thank you all for your assistance.

Bandpass
Friday 25
0105-14080 XE1J
0103-14080 FO5EM
0127-14083 UN5PR
0415-14085 VK9LR Lord Howe Is.
0644-14083 SV5/HA0HW/P
0907-14089 AL7R
1509-14092 SV5/HA0HW/P
1812-14085 EA6BH
1825-14081 EA8KK
1848-14086 4X6UO
1947-14086 EK6OCM
2002-14081 YL1XX
2004-14086 UR5EDU
2023-14079 9Q5PA
2027-14083 OY4TN
2042-14081 EA8KK
2110-14086 EW2CR
2116-14084 NP4FW
2118-14083 LU9VET
2128-14087 EW2CR
2138-14089 WA2PIE/KP4
2223-14088 EA6BH
2247-14089 YV1GYA
2303-14084 TF/LA2IJ

Saturday 26
0157-14088 UN5PR
0309-14080 UA1WER
0311-14086 UT0I
0314-14081 UT2IO
0336-14089 VK3AMK
0359-14079 UA4LCQ
0406-14080 VK9LR
0450-14088 SV5/HA0HW/P
0518-14084 VK6GOM
0645-14084 NH6XM
0712-14085 TK/F6FGY
0728-14081 SV5/HA0HW/P
1028-14082 VR97SS
1145-14087 CI3MM
1213-14088 UY0I
1314-14085 4X6UO
1321-14078 RK9CWA
1331-14086 HL2KV
1442-14083 VK6GOM
1522-21083 EA9JZ
1532-14088 RA4LFG
1721-14081 EW2CR
1748-14086 9Q5PA
1813-14083 TF/LA2IJ

```
1815-14078  EA8KK
1848-14089  5X1Y
1851-14083  US9QA
1916-14081  UR5EDU
1958-14090  UT9NA
1954-14083  US9QA
2010-14077  EA8KK
2045-14081  OY4TN
2105-14085  YV5KAJ
2135-14080  EA9JZ
2138-14087  GW5NF
2141-14078  US9QA
2144-14086  UT9NA
2145-14083  OZ5MJ
2217- 7038  GW5NF
2218-14086  EK6GC
2220-14083  TF/LA2IJ
2221-14080  EA9JZ
2231- 7038  UT0I
2237-14083  LY2FN
2246-14084  PY2BDY
2249-14072  NP2FW

Sunday 27
0455-14082  UA4LCQ
0503-14089  VK3AMK
0639-14085  NH6XM
0647-14085  KH6F
0654-14083  ZS6RVG
0655-14083  XT2DP
0701-14084  VK6GOM
0722-14080  EA9JZ
0730-14088  EA6BH
1014-21086  EA9JZ
1116-28078  EA9JZ
1147-14088  HL2KV
1148-14081  LX1DA
1221-13081  UN5PR
1225-14081  HS/F9LC/P
1231-14078  EX0V
1233-14087  RW6AWT
1236-14082  RW4LGF
1237-14078  EX0V
1309-14086  ZS6RVG
1519-14084  4Z4DX
1550-14090  YL1XX
1559-14086  9M2SR
1622-14081  5R8DG
1628-14084  CE8CFG
1702-14087  EA9JZ
1656-14087  EA6ABK
1722-14081  5R8DG
1727-14083  VU2PAI
1734-14086  7Q7EH QSL AA9HD
1735-14086  7Q7EH
1804-14084  TJ1US
1827-14083  VU2PAI
1848-14085  CE8SFG
1912-14081  LU8EKC
2021-14087  UA2AO
2114-14079  SV1AHV
2121-14088  UT9NA
2126-14090  HP1AC
```

```
2136-14088  SV1AHV
2331-14082  CY9SS

Monday 28
0002-14082  CY9SS
0038-14081  JH1NBN/TI5
0513-14081  VK9LR
0812-14086  SV5/HA0HW/P
1454-14082  EX0V
1543-14083  7A4AP
1709-14082  7Q7EH
1719-14086  CY9SS
1805-14083  CY9SS
2112-14086  EA8KK
2129-14081  IS0LLL
2143-14090  HL0Y/4
2152-14081  CY9SS
2218-14085  ES7AW
2311-14086  BO0M
2315-14086  OA4BR
2317-14088  OA4CN

Tuesday 29
0148-14083  BO0M
1048-14082  CY9SS
1203-14080  YL2DX
1454-14082  CY9SS
1518-14087  ER1OA
1537-14079  YL2DX
1722-14088  CY9SS
1926-14089  OD5NJ
1913-14079  EA8KK
2023-14090  HL0Y/4
2031-14085  UA0FDX
2102-14084  UA9TK
2116-14086  VU2PAI
2133-14084  CY9SS
2148-14072  EA8AW
2204-14087  UT9NA

Wednesday 30
0104-14082  XE1FES
0251-14083  WP4Q
0642-14081  FO5NL
0717-14086  SV5/HA0HW/4
1006-14088  HL0Y/4
1053-14085  CY9SS
1144-14086  CY9SS
1325-14081  UA2AO
1408-14082  CY9SS
1518-14087  ER1OAU
1537-14079  YL2DX
1623-14079  EA8KK
1629-14084  WP4Q
1722-14088  CY9SS
1725-14087  SV5/HA0HW/P
1839-14083  CY9SS
1844-14079  HL0Y/4
1846-14081  SV5/HA0HW/P
1912-14084  EK6COM
1916-14081  HL0Y/4
1922-14084  EK6OCM
1923-14089  OY4TN
```

1929-14085 SV5/HA0HW/P
1929-14084 WP4Q
2002-14084 SV5/HA0HW/P
2102-14084 UA9TK
2116-14086 VU2PAI
2125-14082 ZP5ALI
2131-14092 HL0Y/4
2204-14087 UT9NA
2332- 7085 CY9SS
2345-14086 YO7CJF

Thursday 31
The calm after the storm, no reports.

NOTES OF INTEREST:

INDIA, VU. Special Event, Pai, VU2PAI, will be active using the callsign VU2PAI/50 until 31 September to commemorate the 50 years of India's independence. QSL Box 730, Mangalore 575003,

INDIA. Pai is an avid stamp collector, any (new/old) stamps are welcome to his collection.

KUWAIT, 9K. 9K6POW will be a special event station in remembrance of the 'Kuwaiti's POWs' during the Iraqi occupation of Kuwait. They will be on the air from 1-3 August. Possibility for RTTY. This will be the first time 9K6 prefix will be on the air, maybe the last. QSL 9K2RA.

PAKISTAN, AP. Stations in Pakistan to begin using the special prefix AP50 to celebrate their 50th anniversary of independence. Special certificate will be available.

SPRATLY, 9M6. Before his DXpeditions to Spratly and East Malaysia, Bob, N2OO, will be in St. Croix with his XYL Beth, KF2BQ, until 31 July. Bob/N2OO, Bob/N0RN and others will be using the special callsign 9M6HIL to celebrate the grand opening of the Hillview Gardens Resort (5-24 August). Activity 40-10 including WARC bands, CW/SSB and RTTY! During their stay (14-18 August), N2OO and N0RN will be going to Layang-Layang Island (Spratly) for a sidetrip with 2 rigs, 2 beams and antenna for 40 meters. RTTY is planned. Call will be 9M0OO or 9M6OO. QSL 9M6HIL, 9M6AAC and 9M?OO via N2OO.

UGANDA, 5X. Mats, SM7PKK, currently active as 5X1Z, states that many continue to QSL to his old address from the CallBook. This address is wrong. QSL only to: Mats Persson, Zenithgatan 24 nr5, SE-212 14 Malmoe, Sweden.

The VK2SG RTTY DX Notes can also be found on the Internet at reflector digital-dx at st.rim.or.jp and the OH2BUA Webcluster at URL http://www.clinet.fi/(tilde)jukka/rtty.html

For next week's bulletin send your bandpass to Jules,
W2JGR at W5KSI.#NOLA.LA.USA.NA
e-mail: w2jgr@millcomm.com

REMEMBER, DX DON'T SLEEP.
GL DE BOB, WB2CJL@W5KSI.#NOLA.LA.USA.NA
or e-mail: wb2cjl@juno.com

ARLD033 DX news

This week's bulletin was made possible with info provided by The 599Rpt, Tedd, KB8NW, the OPDX Bulletin, The Daily DX, the DXNL, 425 DXnews and Contest Corral from QST. Thanks to all.

MALAWI, 7Q. Eli, IN3VZE, will be QRV as 7Q7CE on 20, 15 and 10 meters from August 2 to 25. QSL to home call.

OMAN, A4. A45XL is active from Masirah Island, IOTA AS-014. QSL via G4VUO.

GRENADA, J3. IV3ZJR, with IV3NVN and IV3TMV are QRV as J38AH and J38AI, respectively, until August 21. They will put emphasis on the newer bands. QSL via IV3TMV.

SVALBARD, JW. Jack, JW0M, is QRV from the Polish Academy of Science. QSL to PO Box 35, 80-325 Gdansk 37, Poland.

MIDWAY ISLAND, KH4. Ted, NH4/NH6YK, is QRV on 10 and 6 meters. He will be here until August 20. QSL to home call.

EASTERN KIRIBATI, T32. T32Z is QRV and has been found on 15 meters around 0230z. QSL via N7YL.

ZIMBABWE, Z2. Cedric, N9YXA, is part of a communications convoy here and will be QRV as Z2/N9YXA from August 3 to 21. He can be found on 40 to 10 meters. Some RTTY operation is planned as well. QSL to home call.

Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065 Australia, for such matters as membership and general enquiries. Enquiries can also be made by packet to the President (Col) VK2CTD at VK2WI, or the Secretary (Pat) VK2JPA at VK2WI.

Email address for the Broadcast Officer is :
patl(at)conmusic.usyd.edu.au
or patl(at)mail.users.usyd.edu.au

73s de Pat VK2JPA Broadcast Officer

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2KFU.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | D8 15 71 F9 26 C8 63 40 5E 63 5C 65 FC A0 22 99